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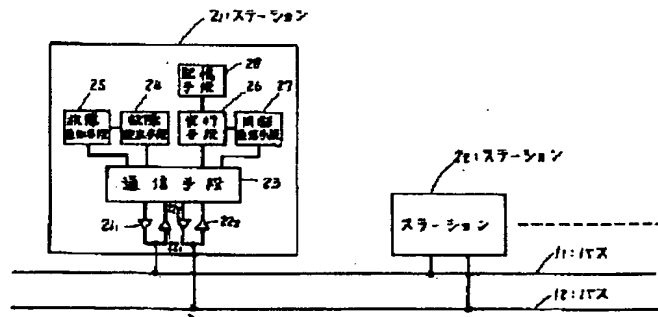
APPLICATION DATE : 18-04-96
APPLICATION NUMBER : 08096737

APPLICANT : YOKOGAWA ELECTRIC CORP;

INVENTOR : EHASHI HIROMICHI;

INT.CL. : H04L 12/40 H04L 29/14

TITLE : COMMUNICATION CONTROL METHOD



ABSTRACT : PROBLEM TO BE SOLVED: To permit an operator to recognize a defective part from any station by executing TDR by means of the respective stations when a fault of one bus is reported and reporting the result to the other stations.

SOLUTION: When transmission as against the bus is executed in vain, a fault detecting means 24 detects a fault. When the fault in one bus is detected in the self station, a fault reporting means 25 reports the fault in one side to the other stations through the use of the normal side bus. When the fault of one bus is reported, an executing means 26 executes TDR as against the fault side bus. A multi-address communicating means 27 reports the result of TDR executed in its own station by multi-address communication. A storage means 28 makes table of the result of TDR executed in its own station and the result of TDR reported from the other stations and stores it. The other stations are constituted in the same as the station 21.

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